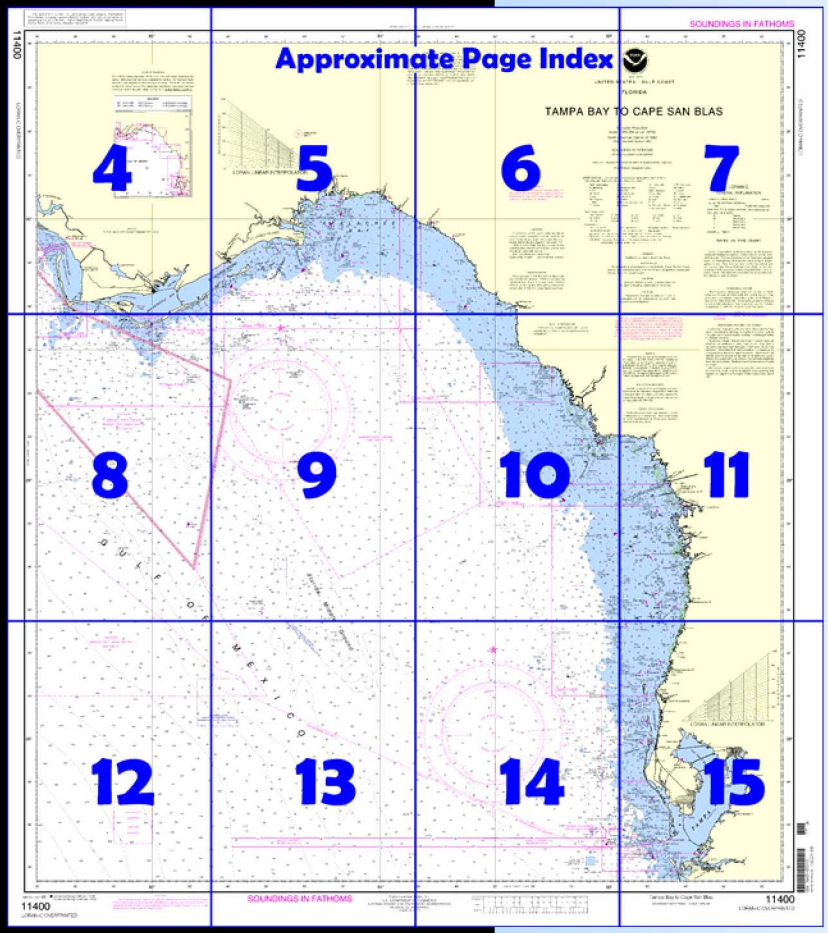
BookletChart™

Tampa Bay to Cape San Blas

(NOAA Chart 11400)



A reduced scale NOAA nautical chart for small boaters. When possible, use the full size NOAA chart for navigation.

- ☑ *Complete, reduced scale nautical chart*
- ☑ *Print at home for free*
- ☑ *Convenient size*
- ☑ *Up to date with all Notices to Mariners*
- ☑ *United States Coast Pilot excerpts*
- ☑ *Compiled by NOAA, the nation's chartmaker.*

NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE

Home Edition (not for sale)

Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
301-713-2770

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

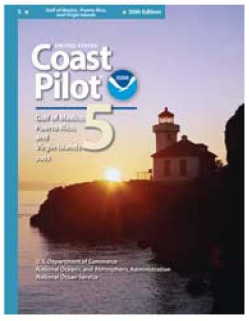
This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.



[Coast Pilot 5, Chapter 6 excerpts]

(4) The coast consists of a chain of generally narrow and wooded sand islands that trends SW for about 40 miles from Apalachee Bay to Cape St. George, thence NW for 95 miles to Choctawhatchee Bay, and thence about 80 miles W and SW to Mobile Bay.
(5) A **danger zone** for a guided missile test operations area extends well offshore between Apalachee Bay and Choctawhatchee Bay.
(6) **Caution.** Mariners engaged in bottom dragging operations are advised that the area between 29°23.5'N. and 29°50.5'N. and from 86°36.5'W. to 86°48.0'W., has previously been used for emergency release of munitions, and unexploded munitions are lying on the bottom.
(7) From Apalachee Bay to St. Andrew Bay, the 10-fathom curve extends as much as 19 miles offshore; shoals with as little as 3 feet over them extend several miles from the E end of St. James Island, from Cape St. George, and from Cape San Blas. From St. Andrew Bay to Pensacola Bay the 10-fathom curve is close inshore and the beach is steep-to. The 10-fathom curve gradually extends farther offshore beyond Pensacola Bay until off Mobile Bay where it is about 11 miles offshore.
(8) There are numerous fish havens along this section of the coast.
(9) The coral formation which characterizes the coast from the Florida Keys to Apalachee Bay begins to give way in the vicinity of Cape St. George and Cape San Blas to the sand formation to the W.
(10) **Weather.** Along the coast from Apalachee Bay to Mobile Bay, navigational weather hazards include tropical cyclones, thunderstorms, and cold fronts. The tropical cyclone season generally runs from June through November. August and September have been the most likely months for a hurricane. During the past 100 years, some 26 hurricanes have crossed the coast between St. Marks and Mobile; 15 of these crossings occurred in August or September. There were some severe hurricanes in the early 1900's. In September 1975, Eloise generated 110-knot winds, nearly 15 inches of rain, and 12- to 16-foot tides along this coast.
(11) Thunderstorms develop on about 60 to 70 days annually along this coast. Most occur during the afternoon or evening hours from May through September on about 5 to 15 days per month; June, July, and August are the most active months. Over open waters, thunderstorms are observed 3 to 5 percent of the time from June through September; they often occur at night.
(12) During the winter season, some 15 to 20 frontal systems dip into the area and bring adverse weather. As the cold front passes, a polar air mass follows, often bringing strong N winds and low temperatures. Gale-force winds blow about 1 to 3 percent of the time over open waters from September through February; autumn frequencies result from both tropical and extratropical systems. Waves of 8 feet or more are encountered 5 to 11 percent of the time and are most likely during January and February.
(13) Visibilities in this area are briefly restricted in showers and thunderstorms, while fog, which occurs throughout the year, varies from a summer minimum to a maximum in the colder months. There is a peak in March when warm southeasterlies blow across colder waters. Frequency and density of the fog increases when approaching the coast. Visibilities drop below 2 miles 1 to 2 percent of the time during February, March, and April; fog is reported up to 6 percent of the time in March over open waters. Shore stations observe fog on about 4 to 7 days per month from December through April.

Table of Selected Chart Notes

Corrected through NM Jan. 14/06
Corrected through LNM Jan. 10/06

HEIGHTS

Heights in feet above Mean High Water.

Mercator Projection
Scale 1:456,394 at Lat. 29°00'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDING IN FATHOMS
AT MEAN LOWER LOW WATER

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NOTE D

Sections of this submarine pipeline are know to be exposed.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

NOTE C

Port St. Joe is in the Eastern Standard Time Zone.

NOTE S

Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilots appendix for addresses of EPA offices. Dumping subsequent to the survey dates may have reduced the depths shown.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) o(Approximate location)

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System of 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 do not require conversion to NAD 83 for plotting on this chart.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, FL, and 8th Coast Guard District in New Orleans, LA, or at the Office of the District Engineer, Corps of Engineers in Mobile, AL. Refer to charted regulation section numbers.

PRINT-ON-DEMAND CHARTS

NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, http://NauticalCharts.gov, help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHART, http://OceanGrafix.com, or help@OceanGrafix.com.

LORAN-C

GENERAL EXPLANATION

LORAN-C FREQUENCY ..... 100kHz.

PULSE REPETITION INTERVAL
7980 ..... 79,800 Microseconds

STATION TYPE DESIGNATORS: (Not individual station letter designators)

M ..... Master
W ..... Secondary
X ..... Secondary
Y ..... Secondary
Z ..... Secondary

EXAMPLE: 7980-X

RATES ON THIS CHART

Loran-C correction tables published by the National Geospatial-Intelligence Agency or others should not be used with this chart. The lines of position shown have been adjusted based on theoretically determined overland signal propagation delays. They have not been verified by comparison with survey data. Every effort has been made to meet the ¼ nautical mile accuracy criteria established by the U.S. Coast Guard. Mariners are cautioned not to rely solely on the lattices in inshore waters.

Additional information can be obtained at nauticalcharts.noaa.gov.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	Iso isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

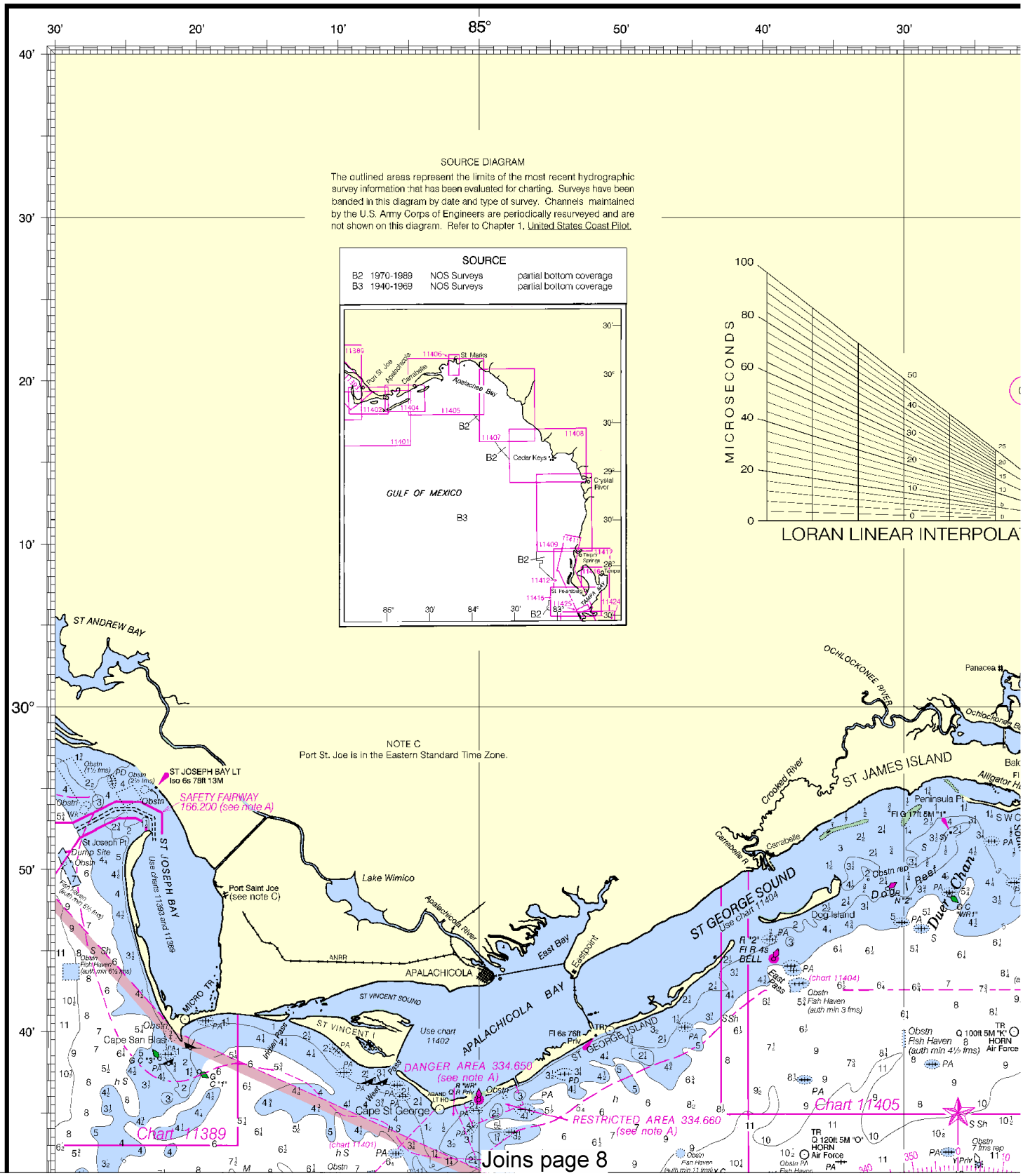
AUTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

(21) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: — — — —

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

11400

LORAN-C OVERPRINTED



North

Formerly C&GS 1114, 1st Ed., June 1888 C-1915-156 KAPP 177

20' 10' 84° 50' 40' 30' 20' 10'

PRINT-ON-DEMAND CHARTS

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TAMPA

Joins page 6

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379

St Marks
St Marks R
Wakulla R
ST MARKS LT
Oc 4s 8M
Aucilla R
Q Priv
Econfina R
Fenholloway R
Q "FR" Priv
Fl 4s Priv
Peters Rock
Shell Pt
Fl 6s 5M
Q 24ft
RW "SM" Mo (A)
Fish Haven
Obstn
Piney Pt
(chart 11406)
(chart 11405)
(chart 11407)
Rock I
Q "SW" PA Priv
Live Oak Pt
Big Grass
Piney Pt
Lighthouse Pt
Cape
South Shoal
Ochlockonee Shoal
Aquaculture Area
bk Sh
S Sh
S Sh Co
Y "A" Fl Y 6s Priv
Steinhatchee
Steinhatchee R
Deadman Bay
Obstn PA
Fish Haven (auth min 6 fms)
Fish Haven (auth min 2½ fms)

APALACHEE BAY

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List anc U.S. Coast Pilot for details.

CAUTION

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Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) o(Approximate location)

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

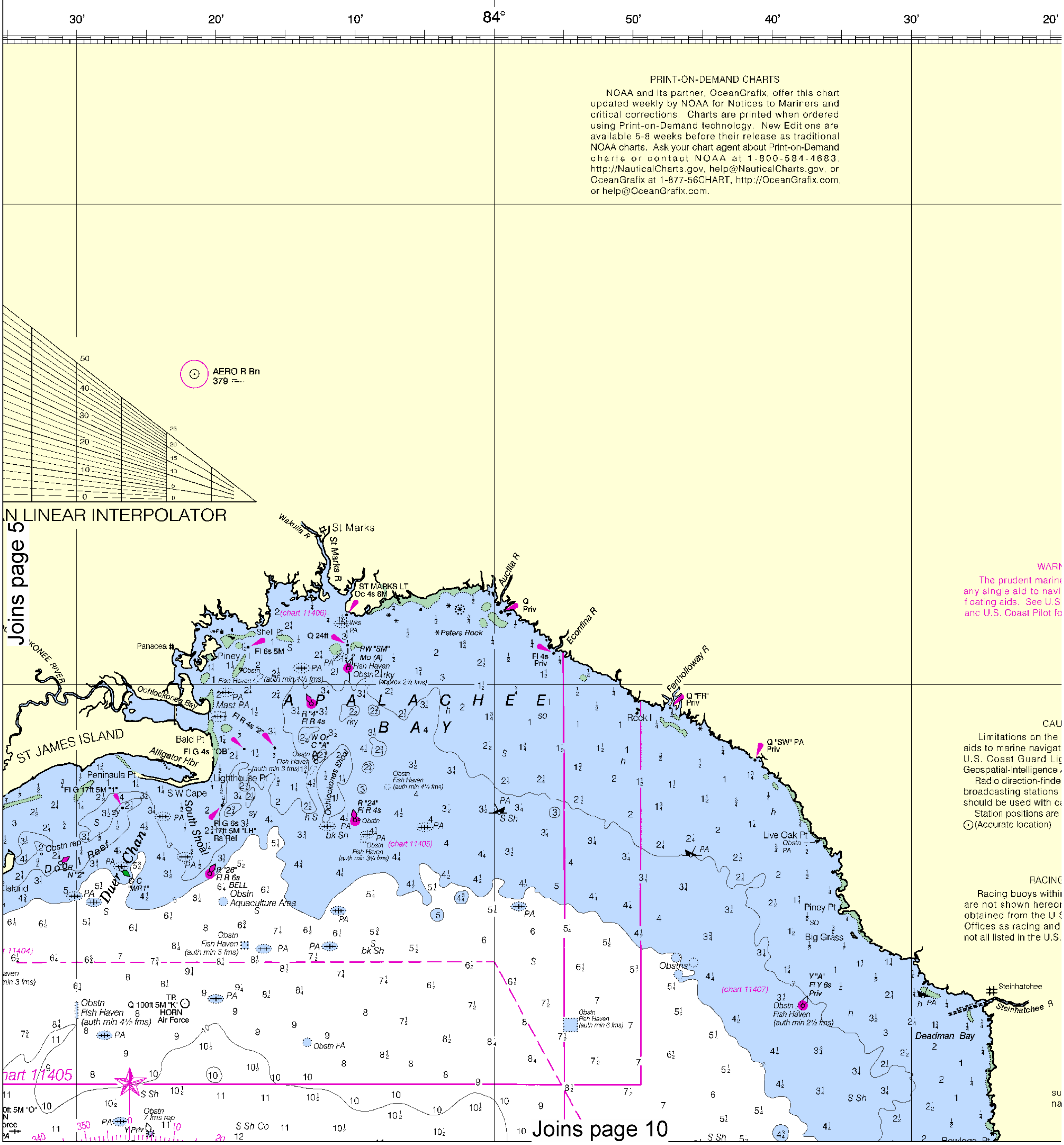
AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List supplemental information concerning aids navigation.

Joins page 9

This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:608525. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.

Formerly C&GS 1114, 1st Ed., June 1888 C-1915-156 KAPP 177



North

SOUNDINGS IN FATHOMS

11400

LORAN-C OVERPRINTED

10' 83° 50' 40' 30' 20'

40' 30' 20' 10' 30° 50' 40'

COAST SURVEY

UNITED STATES - GULF COAST

FLORIDA

TAMPA BAY TO CAPE SAN BLAS

Mercator Projection
Scale 1:456,394 at Lat. 29°00'
North American Datum of 1983
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SOUNDING IN FATHOMS
AT MEAN LOWER LOW WATER

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(For offshore navigation only)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
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B black	Iso isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

ALTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

21. Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
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AUTHORITIES
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W ..... Secondary
X ..... Secondary
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Z ..... Secondary
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NOTE D
Sections of this submarine pipeline are know to be exposed.

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for details.

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on. Information may be
J.S. Coast Guard District
d other private buoys are
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AIDS TO NAVIGATION
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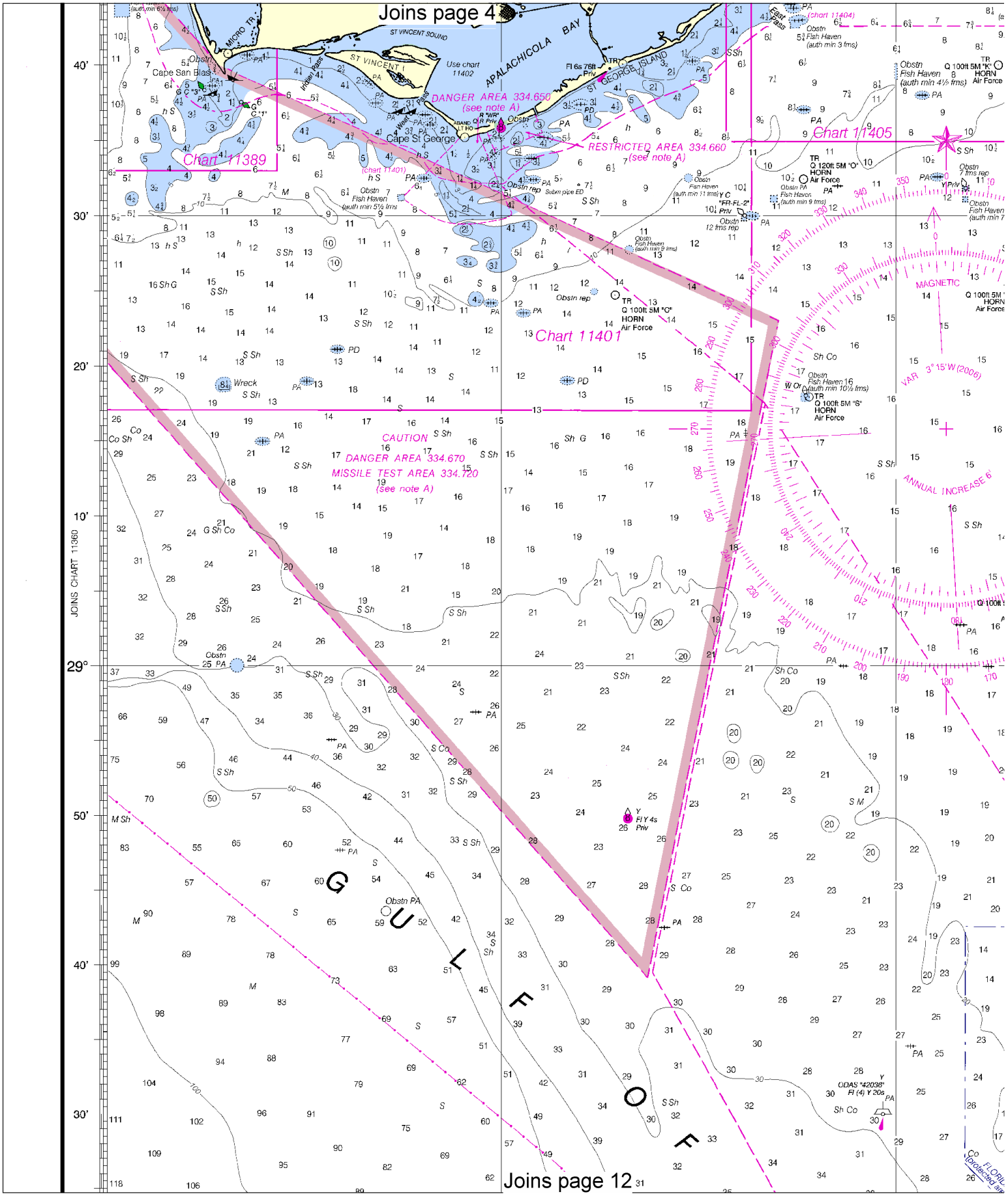
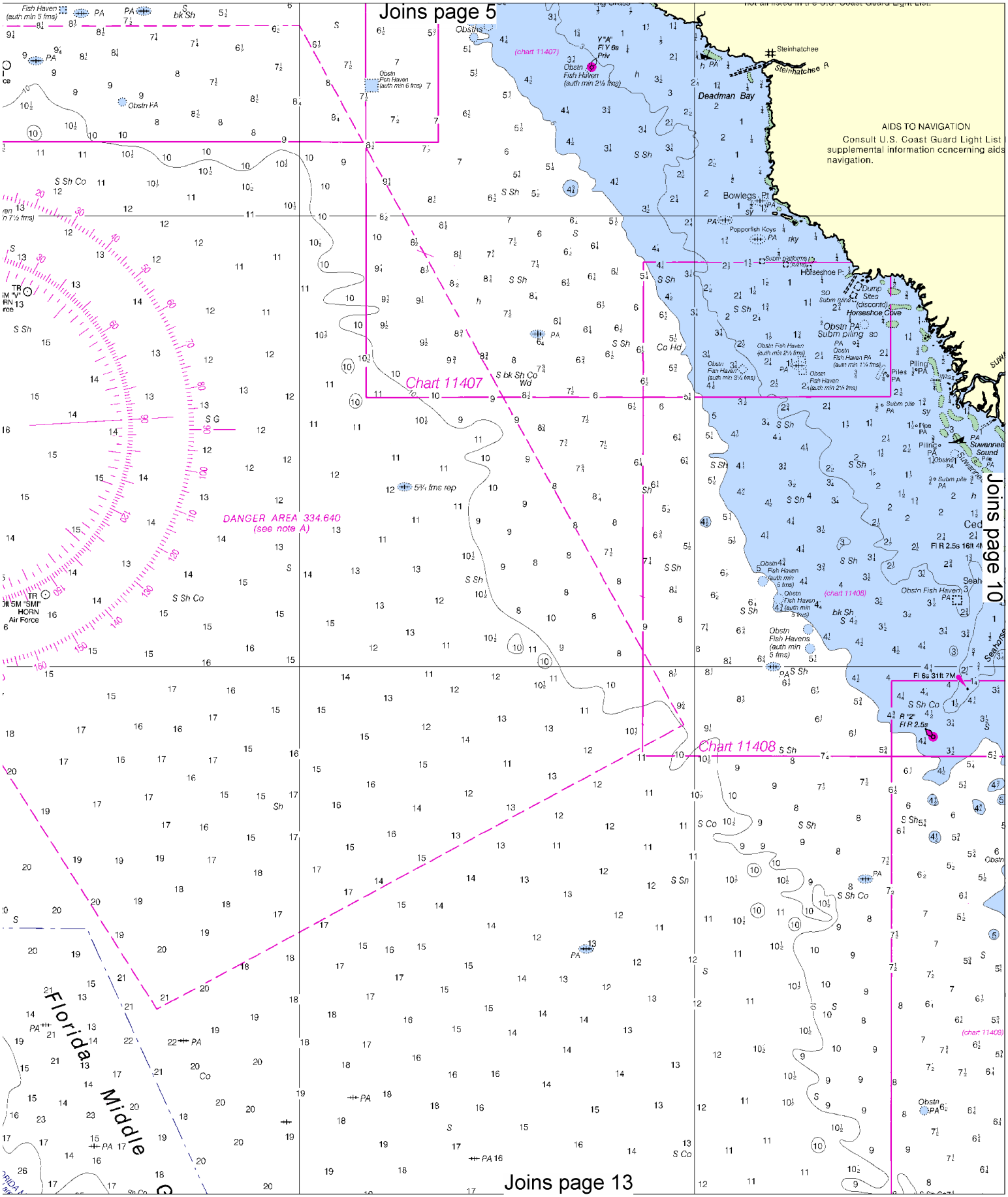
Joins page 11

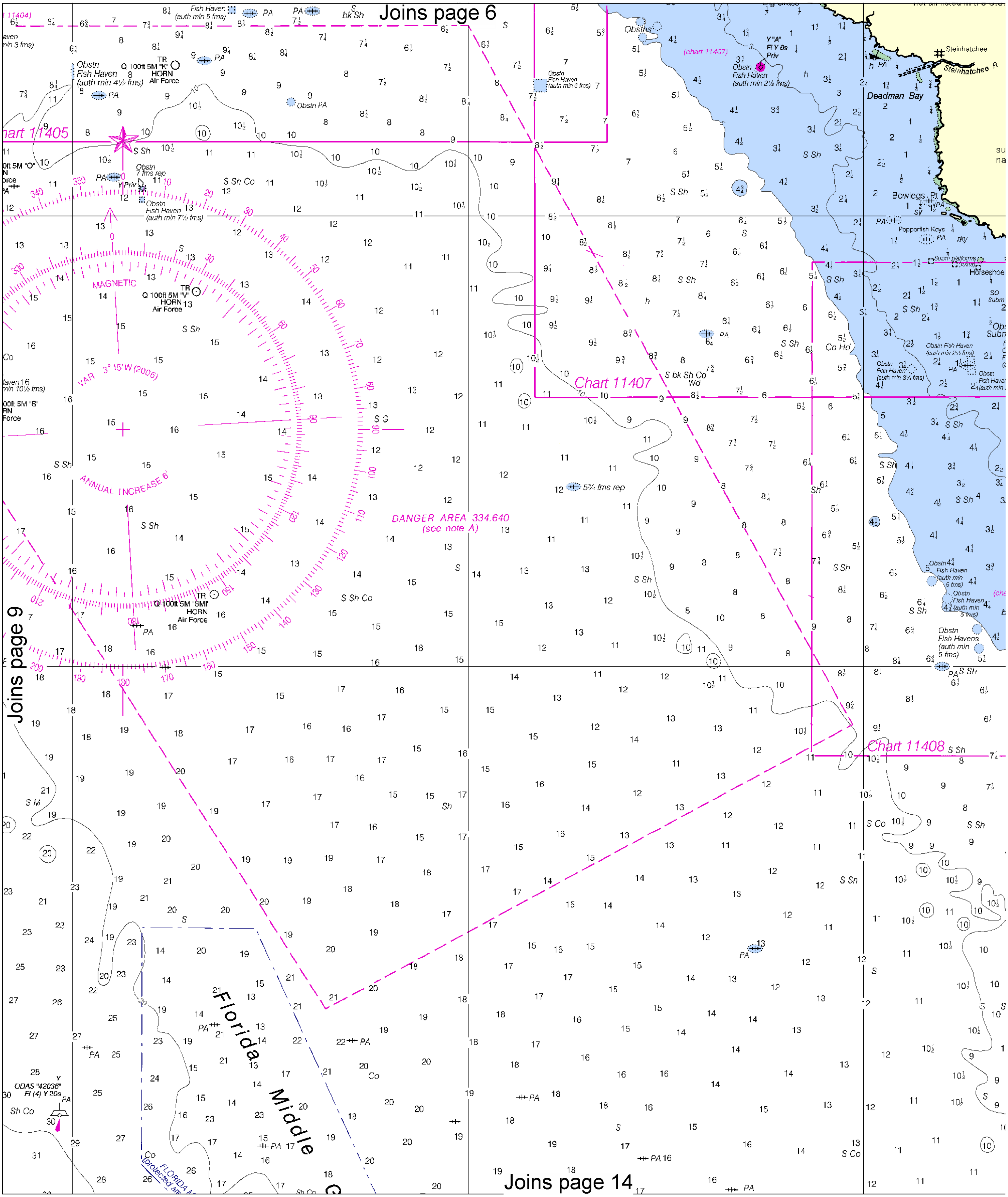
This BookletChart has been updated with: Coast Guard Local Notice To Mariners: 0710 2/16/2010,
NGA Weekly Notice to Mariners: 0910 2/27/2010,
Canadian Coast Guard Notice to Mariners: 0 12:00:00 AM.


Joins page 4
Chart 11389
Chart 11405
Chart 11401
DANGER AREA 334.650
(see note A)
RESTRICTED AREA 334.660
(see note A)
CAUTION
DANGER AREA 334.670
MISSILE TEST AREA 334.720
(see note A)
Cape San Blas
Cape St George
ST VINCENT SOUND
ST VINCENT I
APALACHICOLA BAY
ST GEORGE ISLAND
Use chart 11402
MAGNETIC
VAR 3° 15' W (2006)
ANNUAL INCREASE 6'
JOINS CHART 11360
GULF OF
Joins page 12
40'
30'
20'
10'
29°
50'
40'
30'

8

North


Joins page 5
Chart 11407
Chart 11408
DANGER AREA 334.640
(see note A)
AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List
supplemental information concerning aids
navigation.
Deadman Bay
Steinhatchee
Steinhatchee R
Bowlegs Pt
Horseshoe Pt
Horseshoe Cove
Popporfish Keys
Suwannee Sound
Joins page 10
Joins page 13
Florida
Middle



Joins page 6
Joins page 9
Joins page 14
Chart 11405
Chart 11407
Chart 11408
(chart 11407)
DANGER AREA 334.640
(see note A)
Florida Middle
MAGNETIC
VAR 3° 15' W (2006)
ANNUAL INCREASE 6'
Q 100ft 5M "K" TR HORN Air Force
Q 100ft 5M "V" TR HORN Air Force
Q 100ft 5M "SMI" TR HORN Air Force
Obstn Fish Haven (auth min 4½ fms)
Obstn Fish Haven (auth min 7½ fms)
Fish Haven (auth min 5 fms)
Obstn Fish Haven (auth min 2½ fms)
Obstn 7 fms rep
Obstn PA
5¾ fms rep
Y "A" Fl Y 6s Priv
ODAS "42036" Fl (4) Y 20s
Deadman Bay
Steinhatchee
Steinhatchee R
Bowlegs Pt
Horseshoe
Popperfish Keys
S Sh Co
S bk Sh Co Wd
Obstn Fish Havens (auth min 5 fms)

North

Joins page 7

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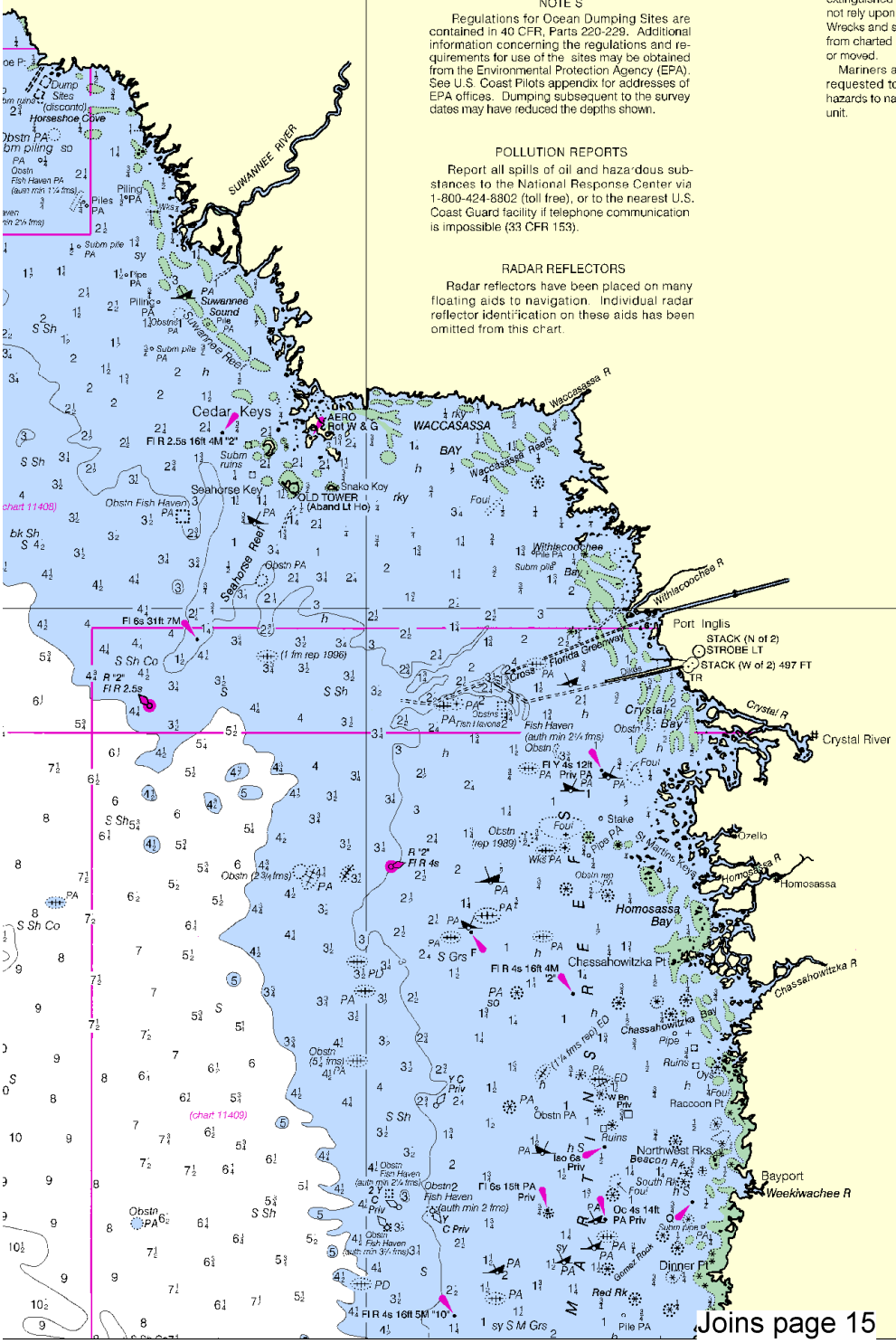
HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.

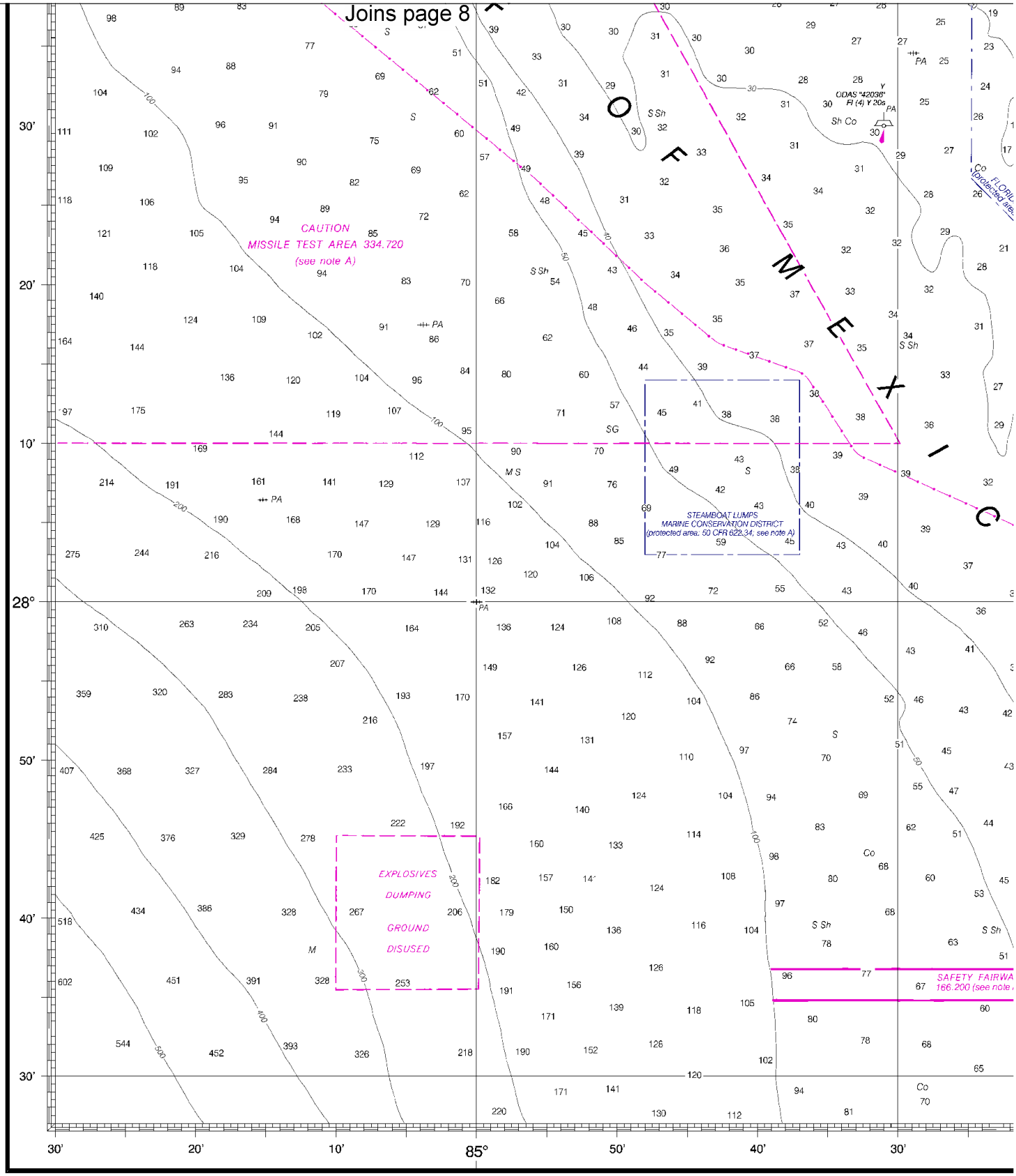
Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.

Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.



Joins page 15

40'
30'
20'
10'
29°
50'
40'
30'



36th Ed., Jan / 06 ■ Corrected through NM Jan. 14/06
Corrected through LNM Jan. 10/06

11400

LORAN-C OVERPRINTED

CAUTION

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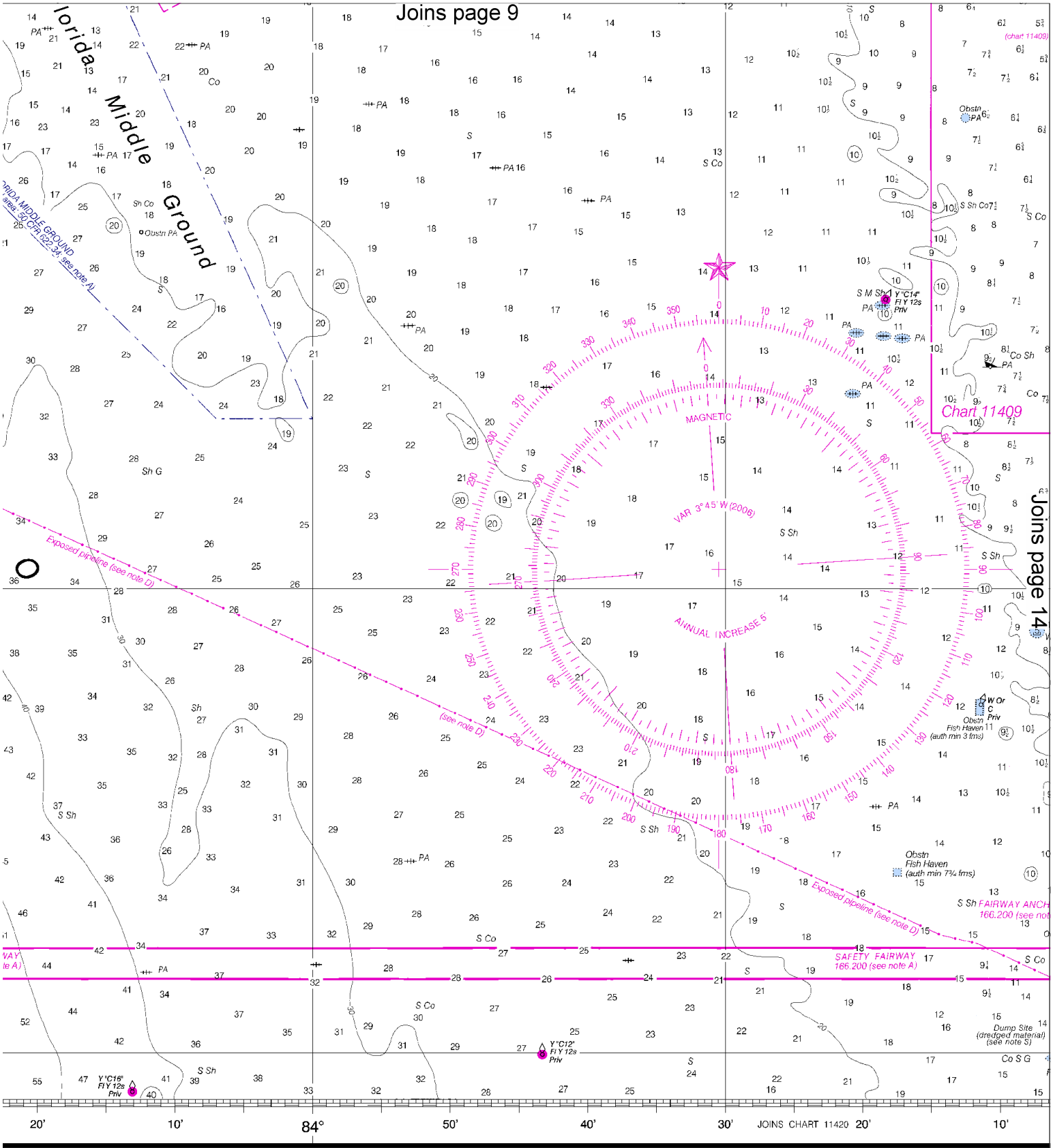
SOUNDINGS

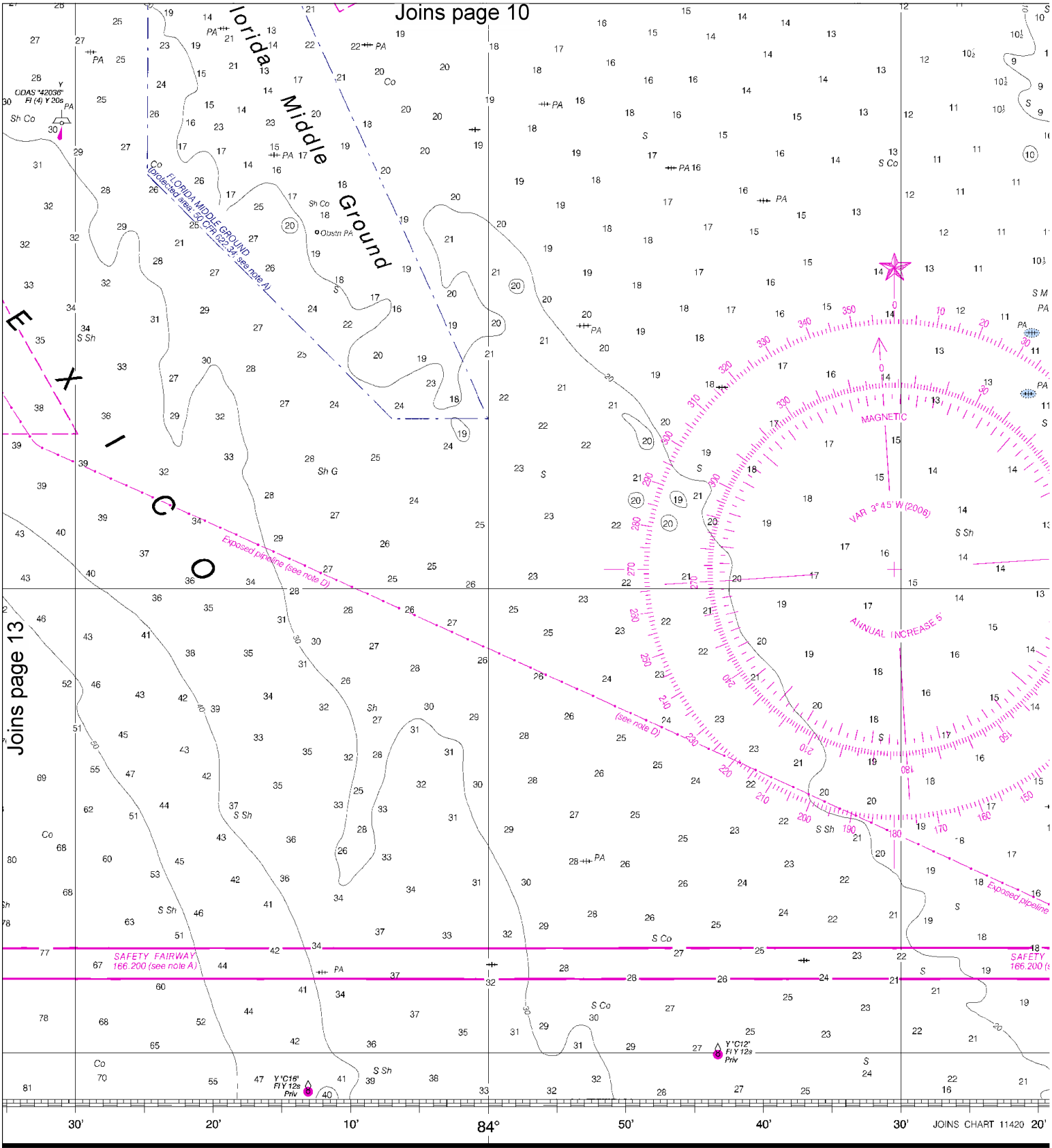
North



S IN FATHOMS

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

FATHOMS	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
FEET	6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96
METERS	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30



SOUNDINGS IN FATHOMS

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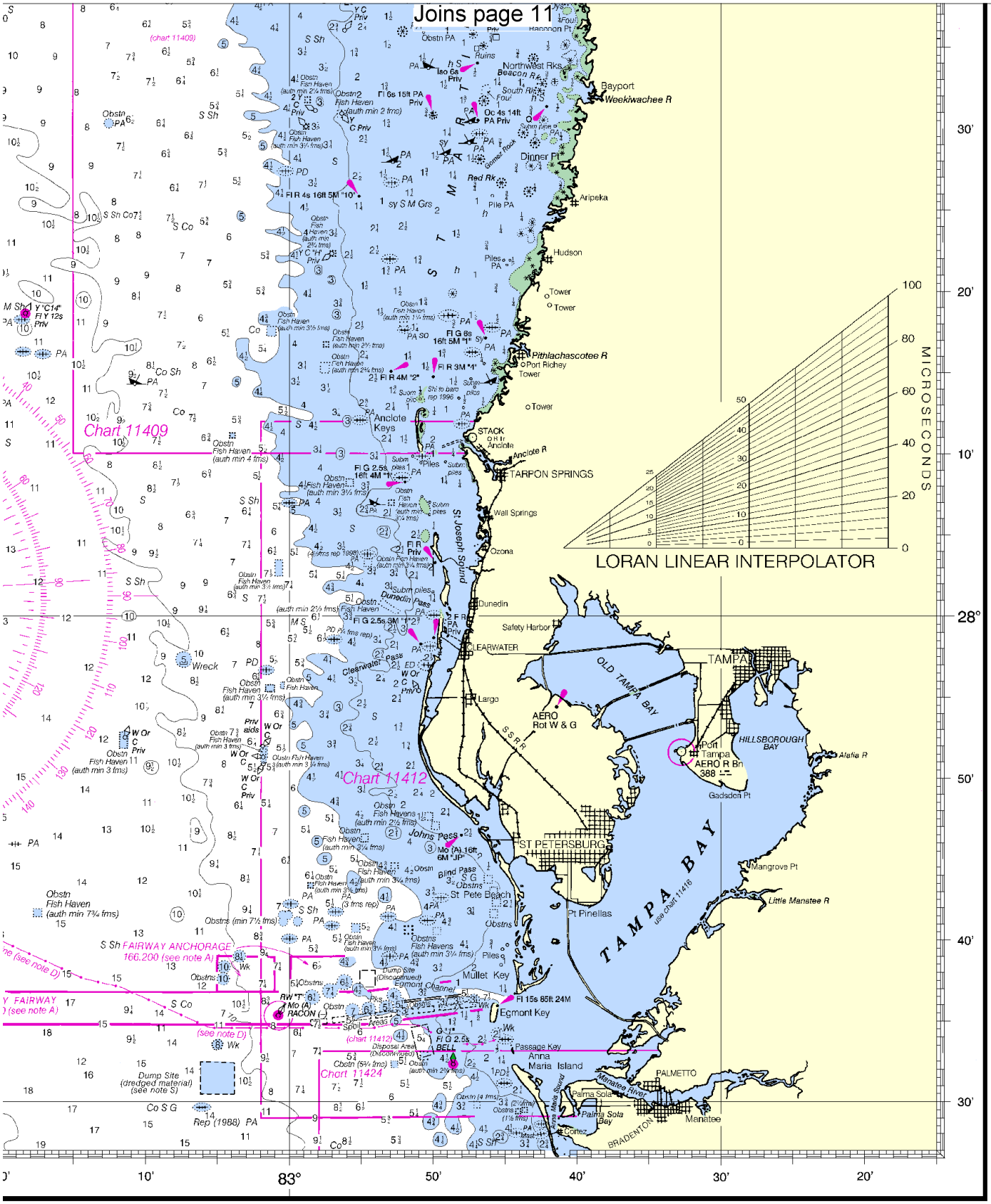
NATIONAL OCEAN SERVICE
COAST SURVEY

FATHOMS 1 2 3 4 5 6 7 8
FEET 6 12 18 24 30 36 42 48
METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

North



Tampa Bay to Cape San Blas

SOUNDINGS IN FATHOMS - SCALE 1:456,394

11400

LORAN-C OVERPRINTED

ED. NO. 36

NSN 7642014010101 11ACO11400

NGA REFERENCE NO.

EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.
Channel 9 – Communications between boats and ship-to-coast.
Channel 13 – Navigation purposes at bridges, locks, and harbors.
Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.
Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.
Channels 68, 69, 71, 72 & 78A – Recreational boat channels.

Distress Call Procedures

1. Make sure radio is on.
2. Select Channel 16.
3. Press/Hold the transmit button.
4. Clearly say: "MAYDAY, MAYDAY, MAYDAY."
5. Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
6. Release transmit button.
7. Wait for 10 seconds – If no response Repeat MAYDAY Call.

HAVE ALL PERSONS PUT ON LIFE JACKETS !!

Mobile Phones – Call 911 for water rescue.
Coast Guard Group Mobile – 251-441-6211
Coast Guard Panama City – 850-234-2475
Coast Guard Group St. Petersburg– 727-824-7670
FL Fish and Wildlife Conservation Comm – 888-404-3922
Coast Guard Atlantic Area Cmd – 757-398-6390

NOAA Weather Radio – 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz, 162.550 MHz.

Getting and Giving Help – Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

NOAA, The Nation's Chartmaker

NOAA CHARTING PUBLICATIONS

Official NOAA Nautical Charts – NOAA surveys and charts the national and territorial waters of the U.S, including the Great Lakes. We produce over 1,000 traditional nautical charts covering 3.4 million square nautical miles. Carriage of official NOAA charts is mandatory on the commercial ships that carry our commerce. They are used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters. NOAA charts are available from official chart agents listed at: www.NauticalCharts.NOAA.gov.

Official Print-on-Demand Nautical Charts – These full-scale NOAA charts are updated weekly by NOAA for all Notice to Mariner corrections. They have additional information added in the margin to supplement the chart. Print-on-Demand charts meet all federal chart carriage regulations for charts and updating. Produced under a public/private partnership between NOAA and OceanGrafix, LLC, suppliers of these premium charts are listed at www.OceanGrafix.com.

Official Electronic Navigational Charts (NOAA ENCs®) – ENCs are digital files of each chart's features and their attributes for use in computer-based navigation systems. ENCs comply with standards of the International Hydrographic Organization. ENCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official Raster Navigational Charts (NOAA RNCs™) – RNCs are geo-referenced digital pictures of NOAA's charts that are suitable for use in computer-based navigation systems. RNCs comply with standards of the International Hydrographic Organization. RNCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official BookletCharts™ – BookletCharts™ are reduced scale NOAA charts organized in page-sized pieces. The "Home Edition" can be downloaded from NOAA for free and printed. The Internet address is www.NauticalCharts.gov/bookletcharts.

Official PocketCharts™ – PocketCharts™ are for beginning recreational boaters to use for planning and locating, but not for real navigation. Measuring a convenient 13" by 19", they have a 1/3 scale chart on one side, and safety, boating, and educational information on the reverse. They can be purchased at retail outlets and on the Internet.

Official U.S. Coast Pilot® – The Coast Pilots are 9 text volumes containing information important to navigators such as channel descriptions, port facilities, anchorages, bridge and cable clearances, currents, prominent features, weather, dangers, and Federal Regulations. They supplement the charts and are available from NOAA chart agents or may be downloaded for free at www.NauticalCharts.NOAA.gov.

Official On-Line Chart Viewer – All NOAA nautical charts are viewable here on-line using any Internet browser. Each chart is up-to-date with the most recent Notices to Mariners. Use these on-line charts as a ready reference or planning tool. The Internet address is www.NauticalCharts.gov/viewer.

Official Nautical Chart Catalogs – Large format, regional catalogs are available for free from official chart agents. Page size, state catalogs are posted on the Internet and can be printed at home for free. Go to http://NauticalCharts.NOAA.gov/mcd/ccatalogs.htm.

Internet Sites: www.NauticalCharts.NOAA.gov, www.NOAA.gov, www.TidesandCurrents.NOAA.gov, www.NOS.NOAA.gov.